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YOUNG & THOMPSON 745 SOUTH 23RD STREET 2ND FLOOR ARLINGTON VA 22202			PAULA, C
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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary	Application No. 09/132,327	Applicant(s) SAFARS et al.
	Examiner Cesar B. Paula	Group Art Unit 2776

Responsive to communication(s) filed on Dec 1, 1998

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle* 1035 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

Claim(s) 1-33 is/are pending in the application.
Of the above, claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) 1-33 is/are rejected.

Claim(s) _____ is/are objected to.

Claims _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) _____

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). 7

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

-- SEE OFFICE ACTION ON THE FOLLOWING PAGES --

Art Unit: 2776

DETAILED ACTION

1. This action is responsive to the application filed on 8/11/1998, priority document filed on 11/20/1998, and IDS filed on 12/7/1998.

This action is made non-final.

2. Claims 1-33 are pending in the case. Claim 1 is an independent claim.

Priority

3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d), and based on application # PCT/FR98/00917 filed in France on 5/6/1998, which papers have been placed of record in the file.

Drawings

4. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

Specification

5. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to **a single paragraph** on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise **and should not repeat information given in the title.** It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

Art Unit: 2776

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

7. Claims 1-4, 7, 9, 12-19, 22, 24-25, and 33 are rejected under 35 U.S.C. 102(e) as being anticipated by Kessenich et al (Pat. # 6,034,680, 3/7/2000, filed on 4/30/1997).

Regarding independent claim 1, Kessenich et al disclose: *Method for organizing and consulting electronic data in the environment of a media library.... ...configured to provide a function of universal link between these various forms of electronic data.....--“....supplying a common internet web access address together with each one of the plurality of different printed books.....”* (Col. 3, lines 2-14). In this quote, Kessenich et al teach a method for organizing books into categories and placing a central address or universal location for the accessing of these books.

Regarding claim 2, which depends on claim 1, Kessenich et al disclose: *...provide, for each type of work to be carried out on electronic data consulted as a document, a visual display.....--“With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case* (Col. 7, lines 45-56). In this quote, Kessenich et al teach a visual display of a library to guide the user in the process of using the books.

Art Unit: 2776

Regarding claim 3, which depends on claim 2, Kessenich et al disclose: *...provide a visual display mode in the form of a media library to provide access to the information....--* “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-56), and “selection box 72 provides a hyper link to a further web page of hyper links to museums.” (Col. 8, lines 4-22). In these quotes, Kessenich et al teach a visual display of a library to guide the user in the process of using the books and accessing different databases.

Regarding claim 4, which depends on claim 2, Kessenich et al disclose: *...provide a visual display mode in the form of a media library intended for storage of any information--* “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-56). In this quote, Kessenich et al teach a visual display of a library with a section where the user can find the stored books.

Regarding claim 7, which depends on claim 2, Kessenich et al disclose: *...provide a visual display mode in the form of a lectern intended for storage of the current data....--* “....visual representation 69 of each page an illustration of BOOK 2.....” (Col. 7, lines 58-67) In this quote, Kessenich et al teach a mode for the display of information in the form of a virtual book about certain topic.

Regarding claim 9, which depends on claim 2, Kessenich et al disclose: *...provide a visual display mode in the form of a page intended for consultation in the form of data vignettes*-- “....displaying a special log on screen.....which provides an optional opportunity to provide such personal information as name, age.....to tailor the hyperlinks of the child and young

Art Unit: 2776

adult path....." (Col. 8, lines 46-67). In this quote, Kessenich et al teach a mode for the display of information in the form of a virtual page about certain topic.

Regarding claim 12, which depends on claim 2, Kessenich et al disclose: *...previewing of the documents to be consulted in the form of a book--*"With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case" (Col. 7, lines 45-56). In this quote, Kessenich et al teach a visual display of a library to guide the user in the process of using or previewing the books in that library.

Regarding claim 13, which depends on claim 12, Kessenich et al disclose: *...use of a navigation book to locate information from among a mass of electronic data* "Selecting the virtual Dewey Decimal indexing system" (Col. 7, lines 48-56) In this quote, Kessenich et al teach a mode for the display, and navigation of information in the form of a virtual book about certain topic.

Regarding claim 14, which depends on claim 13, Kessenich et al disclose: *...comprises methods for access by document type including identification location--* "A mouse click, or the like on the Adults box 54....initiates a display on the same web page" (Col. 7, lines 15-20) In this quote, Kessenich et al teach a mode for the location, and display of information in the form of a virtual book about certain topic.

Regarding claim 15, which depends on claim 12, Kessenich et al disclose: *...a mechanism for consultation of an electronic data source, this mechanism based on the metaphor of a book --*"....visual representation 69 of each page an illustration of BOOK 2....." (Col. 7,

Art Unit: 2776

lines 58-67). In this quote, Kessenich et al teach a mode for the location, and display of information from databases in the form of a virtual book about certain topic.

Regarding claim 16, which depends on claim 15, Kessenich et al disclose: *...a mechanism for consultation and search within the World Wide Web, this mechanism based on the metaphor of a book--“....visual representation 69 of each page an illustration of BOOK 2.....”* (Col. 7, lines 58-67). In this quote, Kessenich et al teach a mode for the location, and display of information in the form of a virtual book about certain topic.

Regarding claim 17, which depends on claim 12, Kessenich et al disclose: *...a mechanism for consultation of a file system, based on the metaphor of a book --“With reference to FIG. 3....virtual Dewey Decimal indexing system....to look for books on other topics”* (Col. 7, lines 45-67). In this quote, Kessenich et al teach a mode for the search, location, and display of information in the form of a virtual book about certain topic.

Regarding claim 18, which depends on claim 12, Kessenich et al disclose: *“....a plurality of hyperlinks to other web sites having supplemental information related to the particular book.....”* (Col. 6, lines 40-60). Kessenich et al fail to explicitly disclose: *...a mechanism for consultation of an electronic mail system, based on the metaphor of a book.* However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to performed this step, because Kessenich et al teach: *“....visual representation 69 of each page an illustration of BOOK 2.....”* (Col. 7, lines 58-67).

Regarding claim 19, which depends on claim 15, Kessenich et al disclose: *...a mechanism for consultation within a document database, based on the metaphor of a book. --*

Art Unit: 2776

“....visual representation 69 of each page an illustration of BOOK 2.....” (Col. 7, lines 58-67).

In this quote, Kessenich et al teach a mode for the location, and display of information from databases in the form of a virtual book about certain topic.

Regarding claim 22, which depends on claim 12, Kessenich et al disclose: *...provide automatic positioning of a page marker.....*-- “A common internet web access address 16 is supplied together with each one of the plurality of different printed books ...in the form of a bookmark...” (Col. 5, lines 57-61). In this quote, Kessenich et al teach a common internet address, which the user can use to return to previously accessed books.

Regarding claim 24, which depends on claim 23, Kessenich et al disclose: *...provide consultation of a search result in the form of vignettes--*“With reference to FIG. 3.....virtual Dewey Decimal indexing system....to look for books on other topics” (Col. 7, lines 45-67), and “Selection of a book title, from either display format, provides a hyperlink of a page or screen as shown in FIG. 7.....” (Col. 8, lines 23-36). In this quote, Kessenich et al teach the display of books in pictorial form as a result of a search.

Regarding claim 25, which depends on claim 1, Kessenich et al disclose: *...allow searching for items of information which are segmented by level--* “.....there are two possible selections : a Children and Young Adults selection box 56 and an Adults selection box...” (Col. 7, lines 11-20). In this quote, Kessenich et al teach the searching for information based on a specific topic such as children’s information.

Regarding claim 33, which depends on claim 1, Kessenich et al disclose: *...allow information to be identified according to its origin --* “.....selection box 72 provides a hyperlink

Art Unit: 2776

to a further web page of hyperlinks to museums..." (Col. 8, lines 4-12). In this quote, Kessenich et al teach the retrieval of information based on its source such as a museum.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 5-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al.

Regarding claim 5, which depends on claim 1, Kessenich et al disclose: "With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case" (Col. 7, lines 45-56). Kessenich et al fail to explicitly disclose: ...*provide a visual display mode in the form of a lectern intended for storage of the current data.....* However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to performed this step, because Kessenich et al teach: "...visual representation 69 of each page an illustration of BOOK 2....." (Col. 7, lines 58-67).

Regarding claim 6, which depends on claim 5, Kessenich et al disclose: "With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case" (Col. 7, lines 45-56). Kessenich et al fail to explicitly disclose: ...*provide a mode of*

Art Unit: 2776

miniature visual display of the books However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to performed this step, because Kessenich et al teach: "...visual representation 69 of each page an illustration of BOOK 2....." (Col. 7, lines 58-67).

10. Claims 10-11, 23, 26, 31-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al, as applied to claim 1, in view of Dockter et al (Pat. # 5,870,737, 2/9/1999, filed on 4/15/1996).

Regarding claim 10, which depends on claim 2, Kessenich et al disclose: "With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case" (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: ...*visual display mode in the form of a sorter*..... Dockter et al disclose: ".....the user places the cursor over the thumbs-up iconpage construction procedure 32 rearranges the listings and places....." (Col. 4, lines 40-47). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to performed this step, because Dockter et al disclose: ".....providing a screen which displays a response that is influenced by prior expressed preferences....." (Col. 2, lines 40-54).

Regarding claim 11, which depends on claim 2, Kessenich et al disclose: ".....supplying a common internet web access address together with each one of the plurality of different printed books....." (Col. 3, lines 30-40). Kessenich et al fail to explicitly disclose: ...*allows alteration 'on the fly' of the elements of the interface.....in various languages*..... Dockter et al disclose: ".....the user places the cursor over the thumbs-up iconpage construction

Art Unit: 2776

procedure 32 rearranges the listings and places.....” (Col. 4, lines 40-47). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to performed this step, because Dockter et al disclose: “.....providing a screen which displays a response that is influenced by prior expressed preferences.....” (Col. 2, lines 40-54).

Regarding claim 23, which depends on claim 12, Kessenich et al disclose: “The hyperlinks to other sources of information can include,.....at least one or preferably a plurality of hyperlinks to the following: an activity book, an age-appropriate activity book” (Col. 6, lines 61-67). Kessenich et al fail to explicitly disclose: *...generation of a book of documents from a search carried out within the media library.* Dockter et al disclose: “.....page construction procedure 32 accesses page template entitled ‘the children bookshelf’ ...and includes a list of children books.” (Col. 4, lines 24-40). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Dockter et al, because Dockter et al disclose: “.....providing a screen which displays a response that is influenced by prior expressed preferences.....” (Col. 2, lines 40-54).

Regarding claim 26, which depends on claim 1, Kessenich et al disclose: “.....supplying a common internet web access address together with each one of the plurality of different printed books.....” (Col. 3, lines 30-40). Kessenich et al fail to explicitly disclose: *...incremental generation of books and long-lived data from electronic data.....* Dockter et al disclose: “.....page construction procedure 32 accesses a page template ...and includes an initial list of children’s books” (Col. 4, lines 24-47). However, it would have been obvious to a

Art Unit: 2776

person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Dockter et al, because Dockter et al disclose: “.....providing a screen which displays a response that is influenced by prior expressed preferences.....” (Col. 2, lines 40-54).

Regarding claim 31, which depends on claim 1, Kessenich et al disclose: “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: ...*provide visual identification of the freshness of an item of information consulted and/or stored*. Dockter et al disclose: “....the user places the cursor over the thumbs-up iconpage construction procedure 32 rearranges the listings and places.....” (Col. 4, lines 40-47). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Dockter et al, because Dockter et al disclose: “....providing a screen which displays a response that is influenced by prior expressed preferences.....” (Col. 2, lines 40-54).

Regarding claim 32, which depends on claim 1, Kessenich et al disclose: “....supplying a common internet web access address together with each one of the plurality of different printed books.....” (Col. 3, lines 30-40). Kessenich et al fail to explicitly disclose: ...*generate one or more temporary icons or tabs for loading of electronic data*. Dockter et al disclose: “....page construction procedure 32 accesses a page template ...and includes an initial list of children’s books” (Col. 4, lines 24-47). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich

Art Unit: 2776

et al and Dockter et al, because Dockter et al disclose: “....providing a screen which displays a response that is influenced by prior expressed preferences.....” (Col. 2, lines 40-54).

11. Claim 8, and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al, as applied to claim 1, in view of Randall (Pat. # 5,237,651, 8/17/1993, filed on 12/20/1991)

Regarding claim 8, which depends on claim 1, Kessenich et al disclose: “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: *...a notebook intended for consultation and storage of information relating to a given topic*. Randall discloses: “...personal organisor.....loose-leaf booklet arranged into various sections....memory means” (Col. 4, lines 16-67). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Randall, because Randall discloses: “....allow selection of a required operational mode in dependence on the representational graphics displayed” (Col. 3, lines 37-57).

Regarding claim 27, which depends on claim 1, Kessenich et al disclose: “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: *...provide a sheet or a loose-leaf divider making it possible to keep information on the screen.....* Randall discloses: “...personal organisor.....loose-leaf booklet arranged into various sections....memory means” (Col. 4, lines 16-67). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Randall,

Art Unit: 2776

because Randall discloses: “....allow selection of a required operational mode in dependence on the representational graphics displayed” (Col. 3, lines 37-57).

12. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al, as applied to claim 1, in view of WordPerfect 6.1 screendumps (4/15/1996).

Regarding claim 20, which depends on claim 12, Kessenich et al disclose: “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: *...provide identification of the alterable or non-alterable status of the book via the appearance of its binding.* WordPerfect screendumps teach the indication of whether or not a document is read-only—whether a user could or could not edit the document—(Fig. 1, and 2). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and WordPerfect 6.1 screendumps, because WordPerfect screendumps teach notifying a user of the editable status of the document in question.

13. Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al, as applied to claim 1, in view of O'Donoghue (Pat. # 5,867,811, 2/2/1999, filed on 2/16/1995)

Regarding claim 21, which depends on claim 12, Kessenich et al disclose: “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: *....provide double page reading based on a page translation.* O'Donoghue discloses: “...generate corresponding aligned pair of corpora, shown at 206 in FIG. 2.....” (Col. 3, lines 62-67).

Art Unit: 2776

However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and O'Donoghue's side-by-side translation, because O'Donoghue discloses: "...generation of high quality aligned corpora can be performed quickly by relatively inexpensive processing equipment" (Col. 2, lines 62-67).

14. Claim 28 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al, as applied to claim 1, in view of Shneiderman (1992).

Regarding claim 28, which depends on claim 1, Kessenich et al disclose: "With reference to FIG. 3,....an image 64 of a set of books can be illustrated, the latter for example as a book case" (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: ...*provides a classification mode based on the number 7*. Shneiderman teaches: ".....The limitation of human information processing in short-term memory (the rule of thumb is that humans can remember 'seven plus or minus two chunks' of information)....." (page 73, item 7). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Shneiderman, because Shneiderman is teaching above, using the number 7 in organizing information in order to maximize human short-term memory.

15. Claim 29 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al, as applied to claim 1, in view of Darnell et al (Pat. # 5,596,700, 1/21/1997, filed on 2/17/1993).

Regarding claim 29, which depends on claim 1, Kessenich et al disclose: "With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case" (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: ...*provide annotation*

Art Unit: 2776

of electronic mail. Darnell et al teach: "...creating annotation (notes) from text entered by a user. The notes are permanently and persistently associated with the title text in a window” (Col. 3 lines 12-50). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Darnell notes, because Darnell et al is teaching above, the persistent association of notes with a document—a book.

16. Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kessenich et al, as applied to claim 1, in view of Vertelney et al (Pat. # 5,341,293, 8/23/1994, filed on 9/3/1992)

Regarding claim 30, which depends on claim 1, Kessenich et al disclose: “With reference to FIG. 3,an image 64 of a set of books can be illustrated, the latter for example as a book case” (Col. 7, lines 45-57). Kessenich et al fail to explicitly disclose: ...*a multi-mode icon.* Vertelney et al disclose: “After the document has been sent, the element instance could again be modified to indicate that the document has been sent ...indicate other functions or operations of the element” (Col. 10, lines 2-15). However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to had combined the teachings of Kessenich et al and Vertelney et al, because Vertelney et al disclose: “...interface elements for marking, finding, organizing, and processing data” (Col. 3, lines 54-67).

Conclusion

I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. TANIGAWA et al. (Pat. # 5,696,982, and 5,909,690), WICAL (Pat. # 5,768,580), BINGHAM et al. (Pat. # 5,745,895), BARR et al. (Pat. # 5,742,816), WARREN et al. (Pat. #

Art Unit: 2776

5,632,022), Taylor, T.C, E-mail moves closer to universal links, and Shneiderman, Designing User Interface : Strategies for Effective Human-Computer Interaction.

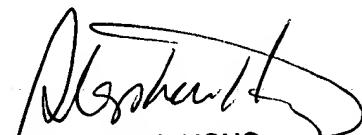
II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is (703) 306-5543. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 4:00 p.m. (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi, can be reached on (703) 305-4713. However, in such a case, please allow at least one business day. The formal and informal fax phone numbers for this Group are (703) 308-9051 and 308-5403 respectively.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

cbp

04/21/00



STEPHEN S. HONG
PRIMARY EXAMINER